

**Amendments to the Claims:**

This listing of claims will replace all prior versions, and listings, of claims in the application:

**Listing of Claims:**

1. (currently amended) A loop flushing circuit comprising:  
a variable displacement hydraulic pump;  
a hydraulic motor fluidly connected to the pump ~~in~~ connected to  
a closed loop circuit by first and second system pressure  
lines;  
an electrically proportional control valve in at least one of  
the system pressure lines is fluidly connected to the  
hydraulic motor and adapted to regulate the flushing flow  
of the closed loop circuit, and  
a control means connected to the control valve in order to  
provide a loop flushing flow by activating the control  
valve when the at least one of the system pressure lines is  
a low pressure side of the loop flushing circuit wherein  
when at least one of the system pressure lines is at a  
threshold pressure, the threshold pressure holds close the  
electrically proportional control valve when an electrical  
signal is sent from the control means to open the  
electrically proportional control valve.
2. (original) The loop flushing circuit of claim 1 wherein the  
control means is a valve actuator.
3. (original) The loop flushing circuit of claim 1 wherein the  
control means is an electrical actuator

4. (original) The loop flushing circuit of claim 1 wherein the electrically proportional flow control valve is a spool valve.

5. (original) The loop flushing circuit of claim 1 wherein the electrically proportional flow control valve is a poppet valve.

6.-12. (cancelled)

13. (currently amended) A loop flushing circuit comprising:  
a variable displacement hydraulic pump;  
a hydraulic motor fluidly connected to the pump in a closed loop  
circuit by first and second system pressure lines;  
a first control valve in connected to the first system pressure  
line is fluidly connected to the hydraulic motor and  
adapted to regulate the flushing flow of the closed loop  
circuit,  
a second control-rate valve in connected to the second system  
pressure line is fluidly connected to the hydraulic motor  
and adapted to regulate the flushing flow of the closed  
loop circuit; and  
a control means connected to the first and second control valve  
valves in order to provide a loop flushing flow by  
activating only the control valve which is connected to a  
low pressure side of the loop flushing circuit.

14. (previously presented) The loop flushing circuit of claim 13  
wherein the control means is a valve actuator.

15. (previously presented) The loop flushing circuit of claim 13  
wherein the control means is an electrical actuator

16. (previously presented) The loop flushing circuit of claim 13 wherein at least one of the control valves is a spool valve.

17. (previously presented) The loop flushing circuit of claim 13 wherein at least one of the control valves is a poppet valve.

18. (previously presented) The loop flushing circuit of claim 13 wherein at least one of the control valves is an electrically proportional flow control valve.